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### School of Engineering and Computer Science, Diploma and Hooding Ceremony

University of the Pacific

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# SCHOOL OF ENGINEERING AND COMPUTER SCIENCE

## Diploma and Hooding Ceremony

Saturday, May 11, 2019, 4 p.m.  
Knoles Lawn



UNIVERSITY OF THE PACIFIC

# SCHOOL OF ENGINEERING AND COMPUTER SCIENCE

## Diploma and Hooding Ceremony

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Knoles Lawn

### ACADEMIC PROCESSION

Banner Bearers	Candidates for the Master of Science in Data Science Degree
Faculty Marshals	Candidates for the Master of Science in Engineering Science Degree
Candidates for the Bachelor of Science Degree	Faculty of the School of Engineering and Computer Science
Candidates for the blended Bachelor of Science Degree and Master of Science in Engineering Science Degree	Dean of the School of Engineering and Computer Science
Candidate for the Master of Science in Cybersecurity Degree	Mace Bearer

### PROGRAM

<i>Dean Steven K. Howell, Presiding</i>	Presentation of Graduates . . . . . <i>Dr. Kenneth F. Hughes</i> <i>Associate Professor</i>
Prelude Guests will please remain seated during the processional.	<i>Dr. Michael Doherty</i> <i>Associate Dean</i>
Processional “Pomp and Circumstance,” March No. 1 in D, Op. 39 Sir Edward Elgar (1857–1934)	Concluding Remarks . . . . . <i>Dean Howell</i>
Welcome . . . . .	Recessional Selections from Elgar’s Marches Sir Edward Elgar (1857–1934)
Valedictory Address . . . . .	
	<i>Avi Graber</i> <i>Minh H. Pham</i>

### DEGREES CONFERRED

<i>Bachelor of Science in Bioengineering</i>	Saichandana Kothur Johnny Raymond Lam† Analyne Mepa Madrid Eric Martin Ryan Allan McVicar* Jamie Anne Zapatos Narciso** Giacomo Pacioni Matthew Panesis	<i>Bachelor of Science in Civil Engineering</i>	Gabriela Ruvalcaba Lillian Sam Jacob Smith** Courtney Lea Vierra Stefanos George Word**†
Orion Candelario Capuyon Serena Chu** Nicholas Heredia† Priscilla Hernandez Haro† Isabelle Michelle Huynh Firdaus Jahangir Haris Jebrini*		Neil Hathaway Irani** Gimelle Escobar Jacala** Muhammad Khan*** Jeric Ishmael Degracia Lagmay Ethan David Malonzo Andres Muñoz Travis Nicholas Pazin**	<i>Bachelor of Science in Computer Engineering</i> Zachariah Glenn Abuelhaj**† Crystal Beltran-Sanchez**



Michael Mark Hsueh  
Christian James Jemera  
Dan Justin Lim  
Tyler James Maroney  
Eric D. Nooteboom  
Caleb Daniel Rash\*\*\*†  
Simrandeep Singh

***Bachelor of Science and  
Bachelor of Science in  
Computer Science***

Brendan Ryan Ahdoot  
Jake Anhaltzer  
Danilo Michael Baledio  
Jacob Barajas  
Mark Borisovich Bely†  
Henry Hoi Cheung\*\*\*  
Nathaniel Chica  
Jamie Lynn Lambarte Culilap\*  
Michael L. Davis†  
Nicholas Dennan Fasan  
Carlos Flores Jr.  
Clarissa Franke\*  
Noah Douglas Garner  
Sahibjit Gosal\*\*\*  
Gurkirt Heerey  
Anthony Elias Helou  
Jesse Alejandro Hill  
Alexander Lee  
Maxine Lien\*\*\*  
Maximo T. Macchi\*\*  
Carmie Kim Trang Mach  
Michael Myers\*\*  
Ali Noorani  
Naomi Wilma Nunis  
Alexander Pelavin\*\*\*  
Minh H. Pham\*\*\*  
Samandar Free Sabetan\*\*  
David Samuel\*\*  
Katya M. Sheth  
Navjot Singh\*\*†  
Joseph O. Soares†  
Ryan J. Su  
Jesse Talamantes\*  
Jack Aaron Thias\*†

Pranav Thirunavukkarasu  
Anthony Ngoc Tran\*\*  
Nathan Yale Verlin\*\*†  
Jeffrey Wu

***Bachelor of Science in  
Electrical Engineering***

Gustavo Elias Bartolo  
Erin Justin Adaoag Dural  
Hui Er  
Celine Onchengco Esteron  
Catherine Hsiao\*  
Jason Thomas Kerins\*\*\*†  
Luis A. Mendoza-Leal  
Charles S. Reyes  
Harnak Singh  
Angel Giovanni Tejada  
Ashwin Thiagarajan  
Cory Tran\*\*\*†  
Christopher John Uramoto  
Sophal Vuong\*†

***Bachelor of Science in  
Engineering Management***

Suman Kumar Bhardwaj  
Mackenzie S. Cook  
Jessica Huey Huang  
Jeddidiah Cody Mack  
Stella Rakhlina\*\*  
Eduardo Jaime Rodriguez  
Emanuel J.R. Rodriguez

***Bachelor of Science in  
Engineering Physics***

Taryn Barker  
Gustavo Elias Bartolo  
Guy Carleton Moore\*\*\*  
Marlise van Tonder

***Bachelor of Science in  
Mechanical Engineering***

Abdulrahman Mohammed  
Alshaker  
Jeffrey Aube  
Craig Austin Lim Chavez\*\*\*  
Jeremy Francis Clay  
Benjamin Conger  
Roberto J. Delucca†

Jackson Rand Dugoni\*\*  
Natalie Giang†  
Avi Graber\*\*\*  
Ivy Jane Bautista Halog  
Emily Kendall Harris  
Alexander Hui†  
Peter Hyatt\*\*  
Tyler Ferrari Kuhn\*\*†  
Matthew C. Lee  
Kevin Lei  
Jesus Leon Calderon  
Douglas Reed Muller  
Kevin Nijjar  
Michael Nord\*\*  
Brian Charles Popish  
Nikaansha Anokha Prasad  
Jacob Christian Taylor  
Ramme  
Erica Roy Santos Ramos  
Ruben Anthony Raygoza\*\*  
Ivan Reynoso\*\*  
Cristian Alejandro Rodriguez  
William Clark Rymers  
Trevor James Joseph  
Speckman\*\*\*†  
Tyler S. Sutherland  
Megan Waller\*\*\*  
Yuan Zhao

***Master of Science in  
Cybersecurity***

Minh X. Tran

***Master of Science in  
Data Science***

Bryce Ellen Beckwith  
Ramón Yopez Cervantes  
James Michael Hendrickson  
Austin Gregory Jarvis  
Joseph Jung  
Sung Joong Kim  
Yeo Joong Kim  
Dan Lee Kleinfelder  
Alan Kuang  
Wei-Li Christy Kuo  
Denise Lai-Ying Lee

David Liu  
Brendon Ngo  
Brandon Wesley Reynolds  
Max Riching  
Matthew Swogger May  
Seyed Ali Taheri Tari  
Arda Ugur  
Rui “Ray” Wu  
Kevin Zakes

***Master of Science in  
Engineering Science***

Zachariah Glenn Abuelhaj†  
Mark Borisovich Bely†  
Deana Maria Ceja  
Michael L. Davis†  
Roberto J. Delucca†  
Shalayna Ying-Heung Doe  
Derek Christian Eells  
Jerrell Laymon Gardner  
Natalie Giang†  
Nicholas Heredia†  
Christopher Raymond Hilton

Daniel Hong  
Alexander Hui†

Jason Thomas Kerins†  
Edward Kim  
Tyler Ferrari Kuhn†  
Aung Kyaw

Johnny Raymond Lam†

Eric T. Lindholm

Zehao Pan

Caleb Daniel Rash†

Zachary Charles Shields

Navjot Singh†

Joseph O. Soares†

Trevor James Joseph  
Speckman†

Jack Aaron Thias†

Cory Tran†

Khuong Tran

Nicholas Vaughn

Nathan Yale Verlin†

Sophal Vuong†

Stefanos George Word†

AWARDS

**Valedictorians**

Avi Graber  
Minh H. Pham

**Outstanding School of Engineering  
and Computer Science Graduates**

Zachariah Glenn Abuelhaj  
Guy Carleton Moore

**Academic Excellence**

Bioengineering — Jamie Anne Zapatos Narciso  
Civil Engineering — Muhammad Khan  
Computer Engineering — Caleb Daniel Rash  
Computer Science — Minh H. Pham  
Electrical Engineering — Cory Tran  
Engineering Management — Stella Rakhlina  
Engineering Physics — Guy Carleton Moore  
Mechanical Engineering — Avi Graber

HONOR SOCIETY INDUCTEES

**Alpha Sigma Lambda**

*Alpha Sigma Lambda is the national honor society recognizing excellence among nontraditional students, meaning those who have returned to college later in life and who achieve academic excellence while also fulfilling adult duties of work and family life.*

Henry Hoi Cheung  
Neil Hathaway Irani  
Minh H. Pham

**Phi Kappa Phi**

*Among honor societies that induct members from all academic disciplines, Phi Kappa Phi, founded in 1897, is the nation’s oldest, largest, and most selective. Invitation is extended to graduating seniors and graduate students in the top 10% of their class, and to juniors in the top 7.5% of their class. The mission of the society is to recognize and promote academic excellence and to engage the community of scholars in service to others.*

Tyler Ferrari Kuhn\*  
Guy Carleton Moore\*\*  
Minh H. Pham\*\*  
Caleb Daniel Rash\*\*  
Jacob Smith\*\*  
Megan Waller\*\*

\*inducted in 2016  
\*\*inducted in 2017

**Outstanding Graduates**

Bioengineering — Serena Chu  
Civil Engineering — Jacob Smith  
Computer Engineering — Crystal Beltran-Sanchez  
Computer Science — Jamie Lynn Lambarte Culilap  
Electrical Engineering — Sophal Vuong  
Engineering Management — Mackenzie S. Cook  
Engineering Physics — Gustavo Elias Bartolo  
Engineering Physics — Marlise van Tonder  
Mechanical Engineering — Megan Waller  
Mechanical Engineering — Craig Austin Lim Chavez

**Outstanding Co-Op**

Clarissa Franke

**Scholar-Athlete Laureates**

Peter Hyatt  
Marlise van Tonder  
Nathan Yale Verlin

**Tau Beta Pi**

*Founded in 1885 to recognize those who have conferred honor upon their alma mater by distinguished scholarship and exemplary character as undergraduates in the field of engineering, or by their attainments as alumni in the field of engineering, and to foster a spirit of liberal culture in the engineering colleges, Tau Beta Pi is the only national scholastic engineering honor society that recognizes academic excellence in all engineering disciplines.*

Serena Chu  
Derek Christian Eells  
Peter Hyatt  
Gimelle Escobar Jacala  
Jason Thomas Kerins  
Tyler Ferrari Kuhn  
Guy Carleton Moore  
Jamie Anne Zapatos Narciso  
Michael Nord  
Travis Nicholas Pazin  
Zachary Charles Shields  
Jacob Smith  
Trevor James Joseph Speckman  
Khuong Tran  
Nicholas Vaughn  
Megan Waller

\*Cum laude    \*\*Magna cum laude    \*\*\*Summa cum laude    †Candidate for the blended Bachelor of Science Degree and Master of Science in Engineering Science Degree

*The list of names as it appears in this program includes actual and potential graduates for the 2018–19 academic year. The above “graduation with honors” distinctions are contingent upon final grade point average calculations at the completion of all relevant degree requirements. The official list of graduates and honors awarded for each graduation date of the 2018–19 year is maintained by the university registrar.*



# HISTORY OF THE SCHOOL OF ENGINEERING AND COMPUTER SCIENCE

Engineering instruction at University of the Pacific began in 1924 as an area of concentration within College of the Pacific, producing some truly outstanding graduates. In 1958, the engineering program moved from College of the Pacific and became the School of Engineering under the direction of its own dean. Bachelor’s degrees were first offered in civil and electrical engineering, and engineering management. The curricula in civil and electrical engineering were accredited in fall 1971 by the Engineering Council of Professional Development, now called the Accreditation Board for Engineering and Technology (ABET).

That same year, the school adopted a cooperative education program as a requirement for graduation, providing experiential learning through a paid engineering work experience, which enhances students’ academic preparation by helping them relate theory to practice.

The degree program in computer engineering was offered in 1978, and programs in engineering physics and mechanical engineering were instituted in 1981 and 1982, respectively. All three programs subsequently received ABET accreditation. The engineering management program was formally accredited in 2003.

Bioengineering was approved in 2000 and accredited in 2012, making University of the Pacific the first private university in California, and one of only 11 institutions on the West Coast, with a fully accredited bioengineering program.

The computer science program was accredited by the Computer Science Accreditation Commission (also now ABET) in fall 1990 as a program in College of the Pacific. Computer Science joined the School of Engineering in 2002, creating the School of Engineering and Computer Science.

The Board of Regents approved the Master of Science in Engineering Science (MSES) graduate program in April 2009. The program was successfully launched that fall with a concentration in civil engineering. The following year, three additional

concentrations were added: electrical/computer engineering, computer science and mechanical engineering. A concentration in engineering management was added in 2016.

In 2015, the Board of Regents approved the Master of Science in Analytics program, which welcomed its inaugural class in fall of that year at Pacific’s San Francisco Campus. This monumental program has simultaneously leveraged strengths from the Stockton Campus faculty and local industry connections to create a one-of-a-kind learning experience. To further highlight the focus of the degree, in 2017, the Board of Regents approved the renaming of the program to the Master of Science in Data Science, and approved the Master of Science in Cybersecurity degree program. The new name and new program went into effect beginning fall 2017.

The 24,000-square-foot John T. Chambers Technology Center opened for classes in fall 2010. This \$12 million facility serves as the home of the School of Engineering and Computer Science and provides a strong foundation for the MSES graduate program. Equipped with the latest technology, the Chambers Technology Center contains lecture rooms, faculty offices, conference rooms and collaborative research and teaching laboratories where students work directly with industry and government agencies to focus on modern innovations. The Chambers Technology Center was Pacific’s first building to be certified as a LEED (Leadership in Energy & Environmental Design) gold facility.

The School of Engineering and Computer Science has cast a mission statement to provide a superior, student-centered learning environment that emphasizes close faculty-student interaction, experiential education and distinctive research opportunities. Graduates will be prepared to excel as professionals, pursue advanced degrees and possess the technical knowledge, critical thinking skills, creativity and ethical values needed to lead the development and application of technology for bettering society and sustaining the world environment.

# PACIFIC HAIL!

*Words and Music by Lois Warner Winston '23  
(October 8, 1901 - April 1, 1989)*

From o'er the rugged mountains standing high;

From out the broad low valleys, 'neath the sky;

Our alma mater calls, We cannot fail,

Our voices blend in praise, Pacific Hail! Pacific Hail!



Long may her flaming torch give out its light;

Long may her spirit guide us in the right;

To her we pledge our hearts, We dare not fail;

To her we raise our song,

Pacific Hail! Pacific Hail!